

## ABSTRACT

A system for coordinating the activity of a plurality of humans in teams with a central automated controller having reasoning capability  
5 based on a predetermined set of criteria by sending messages to and from each of the humans. The controller processes input from each of the humans in accordance with programmed decision making capability to accomplish predetermined objectives and provide output to at least some of the humans to assess a situation, direct steps in  
10 response thereto and coordinate decisions based on a predetermined model and task assessment reasoning to determine the best way to accomplish the predetermined objectives. The coordinator assesses changes to the situation, and makes decisions about the various tasks to be performed and when they are to be begun. Outputs to the humans  
15 may be instructions, questions, information and combinations thereof